

JAVA.IO.LINENUMBERREADER CLASS

http://www.tutorialspoint.com/java/io/java_io_linereader.htm

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Introduction

The **java.util.LineNumberReader** class is a buffered character-input stream that keeps track of line numbers. A line is considered to be terminated by any one of a line feed ('\n'), a carriage return ('\r'), or a carriage return followed immediately by a linefeed.

Class declaration

Following is the declaration for **java.util.LineNumberReader** class:

```
public class LineNumberReader
    extends BufferedReader
```

Field

Following are the fields for **java.util.LineNumberReader** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

S.N.	Constructor & Description
1	LineNumberReader(Reader in) This creates a new line-numbering reader, using the default input-buffer size.
2	LineNumberReader(Reader in, int sz) This creates a new line-numbering reader, reading characters into a buffer of the given size.

Class methods

S.N.	Method & Description
1	<u>int getLineNumber()</u> This method gets the current line number.
2	<u>void mark(int readAheadLimit)</u> This method mark the present position in the stream.
3	<u>int read()</u> This method read a single character.
4	<u>int read(char[] cbuf, int off, int len)</u> This method read characters into a portion of an array.
5	<u>String readLine()</u> This method read a line of text.

6	<u>void reset()</u> This method reset the stream to the most recent mark.
7	<u>void setLineNumber(int lineNumber)</u> This method set the current line number.
8	<u>long skip(long n)</u> This method skip characters.

Methods inherited

This class inherits methods from the following classes:

- `java.util.BufferedReader`
- `java.util.Reader`
- `java.util.Object`